RAD	المتعاللة ا
	ned inventor, I hereby declare that:
This declaration	is of the following type:
	original divisional continuation continuation-in-part
	INVENTORSHIP IDENTIFICATION
original, first and	ost office address and citizenship are as stated below next to my name. I believe I am the d sole inventor (if only one name is listed below) or an original, first and joint inventor (if e listed below) of the subject matter which is claimed and for which a patent is sought on titled:
CARBONATI	ION OF PH CONTROLLED KOH SOLUTION FOR IMPROVED POLISHING OF OXIDE FILMS ON SEMICONDUCTOR WAFERS
	SPECIFICATION IDENTIFICATION
The specification	n of which:
	is attached hereto was filed on April 16, 2004, under Serial No. 10/825,849, executed on even date herewith; or Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on
A	ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
	hat I have reviewed and understand the contents of the above-identified specification, ims, as amended by any amendment referred to above.
Title 37, Code o namely, informa	the duty to disclose all information I know to be material to patentability in accordance with of Federal Regulations, 1.56, and which is material to the examination of this application; ation where there is a substantial likelihood that a reasonable Examiner would consider it iding whether to allow the application to issue as a patent, and
	In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR 1.98.

foreign designa identifie internati	applicated applicated application and application appl	tion(s) for least one any prov plication(s	patent or inventor's country other than the isional or foreign app designating at least	Title 35, United States certificate or of any le United States of Amolication(s) for patent or one country other than any date before that of the	PCT in erica list inventor the Unite	nternational ed below, a r's certificate ed States of	application(s) nd have also or any PCT America filed
		No such a	applications have beer	n filed.			
	$\boxtimes$	Such app	lications have been file	ed as follows:			
Α.			T application(s) file any priority claims u	ed within 12 mos. (6 nder 35 U.S.C. 119	mos. fo	or design)	prior to this
	Count	try/PCT	Application No	Date Filed		Priority Cla	iimed
						☐ Yes ☐ Yes ☐ Yes ☐	] No ] No ] No
В.		ign applic plication	cation(s), if any, filed	more than 12 mos. (6 i	mos for	design) prid	or to this
	Country Applicat Filing da	tion No:					
C.	U.S. Pr	ovisional	Application filed with	nin 12 months prior to	this app	lication	
	<u>Serial N</u> 60/463,			Filing Date APRIL 16, 2003			
			PRIORITY (	CLAIM (35 U.S.C. 120)			
PCT intinsofar applicat acknow (namely importa	ternation as the s ion(s) ir ledge th r, inform nt in dec	al applica subject man the man he duty to ation whe ciding whe	tion(s) designating thatter of each of the clanner provided by the disclose information re there is substantial other to allow the apple	I States Code, 120, of a e United States of Ame aims of this application in first paragraph of Title in that is material to the likelihood that a reaso dication to issue as a paragraph or PCT international	erica tha is not dis 2 35, Un e exami enable Ex atent) wh	t is/are liste sclosed in the ited States nation of the caminer would ich occurred	d below and, at/those prior Code, 112, I is application ld consider it between the
			applications have beer lications have been file				
				_ Status			

<u>Patented</u>

<u>Pending</u>

**Abandoned** 

Filing Date

Serial No.

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken Registration No. 33,217 Peter J. Sgarbossa Registration No. 25,610 Raymond Kam-On Kwong Registration No. 37,165 Joseph Bach Registration No. 37,771 James C. Wilson Registration No. 35,412 Robert W. Mulcahy Registration No. 25,436 B. Todd Patterson Registration No. 37,906 Registration No. 34,682 Raymond R. Moser, Jr. Keith M. Tackett Registration No. 32,008 Eddy Song Registration No. 43,144

Send correspondence to: Direct telephone calls to:

Patent Counsel APPLIED MATERIALS, INC.

APPLIED MATERIALS, INC. P.O. Box 450-A

Santa Clara, CA 95052

B. Todd Patterson

MOSER, PATTERSON & SHERIDAN, L.L.P.

(713) 623-4844

### **DECLARATION**

Full name of first invent	tor <sub>i</sub> , JOSEI	PH F. SALFELDER	1 4
Inventor's signature:	Hooph F	Sef	
Residence:	60 Rock Ledge Pleasant Valley	e Drive y, New York 12569	
Post Office Address:		,,	
	U.S.A.	Country of Citizenship: UN	NITED STATES
Full name of <b>second</b> in	ventor: WAYN	E SWART	
Inventor's signature:			_ Date:
Residence:	211 Pleasant V	/ale Road	
	Tivoli, New Yor	rk 12583	
Post Office Address:			
	U.S.A.	Country of Citizenship: UN	NITED STATES
Full name of third inver	ntor: GOPA	LAKRISHNA B. PRABHU	

Residence:	3500 Quarry Park Drive San Jose, California 95136			
Post Office Address:	U.S.A.	Country of Citizenship: II	NDIA	
Full name of <b>fourth</b> inv	entor:	SRINIVAS R. MIRMIRA		
Inventor's signature:			_ Date:	
Residence:		lcazar Drive se, California 95123		
Post Office Address:	U.S.A.	Country of Citizenship: If	NDIA	
Full name of fifth inver	itor:	LAERTIS ECONOMIKOS		
			Date:	
Residence: Post Office Address:				
r ost Office Address.	U.S.A.	Country of Citizenship:		
Full name of <b>sixth</b> inve	ntor:	FEN-FEN JAMIN		
Inventor's signature:			Date:	
Residence:				
Post Office Address:	U.S.A.	Country of Citizenship:		
Full name of seventh in	nventor:	DONALD J. DELEHANTY		
Inventor's signature:			Date:	
Residence:				
Post Office Address:	U.S.A.	Country of Citizenship:		
Full name of <b>eighth</b> inv	entor:	DANIEL HEENAN		
Inventor's signature:			Date:	
Residence:				
Post Office Address:	U.S.A.	Country of Citizenship:		
Full name of <b>ninth</b> inve	entor:	JOE DANZA		
			Date:	
Residence: Post Office Address:	U.S.A.	Country of Citizenship: (Declaration ends with this p		



ATTY. DKT. NO.AMAT/7662/CMP/CMP/RKK

# COMBINED DECLARATION AND POWER OF ATTORNEY

## As a below named inventor, I hereby declare that:

This declaratio	n is of the following type:
$\boxtimes$	original
님	divisional
H	continuation continuation-in-part
لبا	Continuation-in-part
	INVENTORSHIP IDENTIFICATION
original, first a	post office address and citizenship are as stated below next to my name. I believe I am the nd sole inventor (if only one name is listed below) or an original, first and joint inventor (if are listed below) of the subject matter which is claimed and for which a patent is sought on ntitled:
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	or
	Express Mail No.(as Serial No. not yet known)
	and was amended on (if applicable)
	was described and claimed in PCT International Application No
	filed on and as amended under PCT Article 19 on
	·
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Title 37, Code namely, inform	the duty to disclose all information I know to be material to patentability in accordance with of Federal Regulations, 1.56, and which is material to the examination of this application; ation where there is a substantial likelihood that a reasonable Examiner would consider it ciding whether to allow the application to issue as a patent, and
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foreign designa identifie internat	applica at the depth of the depth of the depth of the depth of the second appearance on the second appearance on the second of t	tion(s) for least one of any provis plication(s)	patent or inventor's country other than the sional or foreign app designating at least	Title 35, United States certificate or of a e United States of A lication(s) for patent one country other that of date before that of	ny PCT in merica list or invento an the Unite	nternational a ted below, ar r's certificate ed States of A	application(s) and have also or any PCT America filed
		No such a	oplications have beer	n filed.			
	$\boxtimes$	Such appli	cations have been file	ed as follows:			
A.			application(s) file ny priority claims u	d within 12 mos. ( nder 35 U.S.C. 119	(6 mos. fo	or design) p	rior to this
	Coun	try/PCT	Application No	Date Filed		Priority Clai	med
						☐ Yes ☐ ☐ Yes ☐ ☐ Yes ☐	No No No
В.		eign application	ation(s), if any, filed	more than 12 mos. (	(6 mos for	design) prio	r to this
	Country Applica Filing d	tion No:					
C.	U.S. Pr	ovisional A	Application filed with	hin 12 months prior	to this app	olication	
	<u>Serial I</u> 60/463,			Filing Date APRIL 16, 2003			
			PRIORITY (	CLAIM (35 U.S.C. 120	))		
PCT in insofar applicat acknow (namely importa	ternatior as the s tion(s) in rledge the r, informant in de	nal application  subject mate  the mann  ne duty to  nation where  ciding whet	on(s) designating the ter of each of the classifier provided by the disclose information there is substantial to allow the application.	I States Code, 120, of the United States of A saims of this application first paragraph of To that is material to I likelihood that a realication to issue as a conal or PCT internation	merica that in is not distille 35, Ur the examination to be patent) when the merical intervals and the merical intervals a	at is/are listed sclosed in the shited States (ination of this xaminer woultich occurred	d below and, at/those prior Code, 112, I s application d consider it between the
	$\boxtimes$		oplications have been cations have been file				
•			Party.	_ Status	<u> </u>		
<u>Seri</u>	<u>al No</u> .		<u>Filing Date</u>	<u>Patented</u>	<u>Pend</u>	<u>ing Aba</u>	<u>andoned</u>

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken Registration No. 33,217 Peter J. Sgarbossa Registration No. 25,610 Registration No. 37,165 Raymond Kam-On Kwong Joseph Bach Registration No. 37,771 James C. Wilson Registration No. 35,412 Robert W. Mulcahy Registration No. 25,436 Registration No. 37,906 B. Todd Patterson Raymond R. Moser, Jr. Registration No. 34,682 Keith M. Tackett Registration No. 32,008 Registration No. 43,144 Eddy Song

Send correspondence to:

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Patent Counsel

B. Todd Patterson

APPLIED MATERIALS, INC.

MOSER, PATTERSON & SHERIDAN, L.L.P.

P.O. Box 450-A

(713) 623-4844

Santa Clara, CA 95052

## **DECLARATION**

Full name of first invent	tor: <b>JOSEF</b>	PH F. SALFELDER	
Inventor's signature:			Date:
Residence:	60 Rock Ledge		
Deat Office Address	Pleasant Valley	, New York 12569	
Post Office Address:	U.S.A.	Country of Citizenship: UN	ITEN STATES
	U.S.A.	Country of Chizenship. ON	TED STATES
Full name of <b>second</b> in	ventor: WAYN	E SWART	
Inventor's signature:	Way	1 from	Date: 8/31/04
Residence:	211 Pleasant V	ale Road	2010
	Tivoli, New Yor		
Post Office Address:	1104	0 1 1000 11 1100	ITED ATATES
	U.S.A.	Country of Citizenship: UN	HEDSIATES
Full name of third inver	ntor: GOPA	LAKRISHNA B. PRABHU	
Inventor's signature:			Date:

Residence:	3500 Quarry Park Drive San Jose, California 95136		
Post Office Address:	U.S.A.	Country of Citizenship: INDIA	
Full name of fourth inve	entor:	SRINIVAS R. MIRMIRA	
		Date:	
Residence:		cazar Drive se, California 95123	
Post Office Address:			
	U.S.A.	Country of Citizenship: INDIA	
Full name of fifth inven	tor:	LAERTIS ECONOMIKOS	
		Date:	
Residence: Post Office Address:			
	U.S.A.	Country of Citizenship:	
Full name of sixth inver	ntor:	FEN-FEN JAMIN	
Inventor's signature:		Date:	
Residence: Post Office Address:			
, , , , , , , , , , , , , , , , , , , ,	U.S.A.	Country of Citizenship:	
Full name of seventh in	ventor:	DONALD J. DELEHANTY	
Inventor's			
signature: Residence:	******	Date:	
Post Office Address:	U.S.A.	Country of Citizenship:	
	U.J.A.	Country of Onizenship.	
Full name of eighth inve	entor:	DANIEL HEENAN	
		Date:	
Residence: Post Office Address:			
	U.S.A.	Country of Citizenship:	
Full name of ninth inve	ntor:	JOE DANZA	
Inventor's signature:		Date:	
Residence: Post Office Address:			
. 221 2 30 7 41 0001	U.S.A.	Country of Citizenship: (Declaration ends with this page)	



## COMBINED DECLARATION AND POWER OF ATTORNEY

Sattelow na	med inventor, I hereby declare that:
This declaratio	n is of the following type:
	original divisional continuation continuation-in-part
	INVENTORSHIP IDENTIFICATION
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I hereby claim foreign priority benefits under Title 35, United States Code, 119, of any provisional or

designa identifie internat	ating at led below ional apon the sa	least one any prov plication(s	patent or inventor's country other than the isional or foreign app designating at least oct matter having a fili	le United States of plication(s) for paten one country other the	America listent or inventor or inventor or inventor or inventor	ed below, and s certificate d States of A	d have also or any PCT merica filed
		No such	applications have beer	n filed.			
	$\boxtimes$	Such app	lications have been fil	ed as follows:			
Α.	Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. 119						
	Count	try/PCT	Application No	Date Filed		Priority Clai	med
						☐ Yes ☐ ☐ Yes ☐ ☐ Yes ☐	No No No
В.		ign application	cation(s), if any, filed	more than 12 mos	. (6 mos for c	design) prior	to this
	Country Applica Filing da	tion No:					
C.	U.S. Pr	ovisional	Application filed wit	hin 12 months prio	r to this appl	ication	
	<u>Serial N</u> 60/463,			Filing Date APRIL 16, 2003			
			PRIORITY	CLAIM (35 U.S.C. 12	20)		
PCT in insofar applicat acknow (namely importa	ternatior as the s tion(s) ir rledge the y, inform ant in de	nal applica subject man n the man ne duty to nation whe ciding who	under Title 35, United tion(s) designating that ter of each of the claner provided by the or disclose information are there is substantial ther to allow the app dication(s) and the nation	e United States of aims of this applicat first paragraph of that is material to likelihood that a relication to issue as	America that ion is not dis Title 35, Unio the examine asonable Exament) which a patent) which was the control of the control	: is/are listed closed in tha ted States C nation of this aminer would ch occurred	below and, t/those prior code, 112, I application d consider it between the
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<u>Seri</u>	<u>al No</u> .		Filing Date	Patented	Pendir	<u>ng Aba</u>	ndoned

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Santa Clara, CA 95052

B. Todd Patterson

MOSER, PATTERSON & SHERIDAN, L.L.P.

(713) 623-4844

## **DECLARATION**

Full name of first invent	tor: <b>JOSEP</b>	H F. SALFELDER	
Inventor's signature:	00 D		Date:
Residence:	60 Rock Ledge Pleasant Valley	, New York 12569	
Post Office Address:	U.S.A.	Country of Citizenship: UNI	TED STATES
	U.U.A.	Country of Oluzenship. Old	TED STATES
Full name of second in	ventor: <b>WAYN</b> I	E SWART	
Inventor's signature:			Date:
Residence:	211 Pleasant V Tivoli, New Yor		
Post Office Address:			
	U.S.A.	Country of Citizenship: UNI	TED STATES
Full name of third inver	ntor: GOPAI	AKRISHNA B. PRABHU	
Inventor's signature:	6. Gyelahi	she to the	Date: 08.26.2004

Residence:	3500 Quarry Park Drive San Jose, California 95136		
Post Office Address:	U.S.A.	Country of Citizenship: INDIA	
Full name of <b>fourth</b> inv	entor:	SRINIVAS R. MIRMIRA	
Inventor's signature: Residence: Post Office Address:		lcazar Drive se, California 95123	
	U.S.A.	Country of Citizenship: INDIA	
Full name of fifth inven	itor:	LAERTIS ECONOMIKOS	
Inventor's signature: Residence:		Date:	
Post Office Address:	U.S.A.	Country of Citizenship:	
Full name of sixth inve	ntor:	FEN-FEN JAMIN	
Inventor's signature: Residence:	•	Date:	
Post Office Address:	U.S.A.	Country of Citizenship:	
Full name of seventh in	nventor:	DONALD J. DELEHANTY	
Inventor's signature:		Date:	
Residence: Post Office Address:	U.S.A.	Country of Citizenship:	
Full name of <b>eighth</b> inv	entor:	DANIEL HEENAN	
Inventor's signature: Residence:		Date:	
Post Office Address:	U.S.A.	Country of Citizenship:	
Full name of <b>ninth</b> inve	ntor:	JOE DANZA	
Inventor's signature: Residence:		Date:	

U.S.A. Country of Citizenship: (Declaration ends with this page)

Post Office Address:

,, - <del>'4</del>		
NOV .	0 3 mu S	ATTY. DKT. NO.AMAT/7662/CMP/CMP/RKK
L. L.	MADINED DECLARATION AND	
19. Tag	MBINED DECLARATION ANI	D POWER OF ATTORNEY
As a below nar	med inventor, I hereby declare that:	
This declaration	n is of the following type:	
	original divisional continuation continuation-in-part	
	INVENTORSHIP IDE	NTIFICATION
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	Coun	try/PCT	Application No	Date Filed		Priority C	<u>laimed</u>
						☐ Yes [ ☐ Yes [ ☐ Yes [	☐ No ☐ No ☐ No
В.		ign application	ation(s), if any, filed	more than 12 mos. (	6 mos for	design) pr	ior to this
	Country Applica Filing d	tion No:					
C.	U.S. Pr	ovisional <i>A</i>	application filed with	nin 12 months prior t	o this app	lication	
	<u>Serial 1</u> 60/463,			Filing Date APRIL 16, 2003			
			PRIORITY C	CLAIM (35 U.S.C. 120)	)		
PCT infinsofar applicat acknow (namely importa	ternation as the s tion(s) in dedge the definition designs	nal application  subject mate  the mann  ne duty to  nation where  ciding whet	on(s) designating the ter of each of the cla her provided by the disclose information there is substantial her to allow the appl	States Code, 120, of the United States of Araims of this application first paragraph of Tithat is material to likelihood that a reastication to issue as a ponal or PCT internation	merica than is not distle 35, Unthe examination of the examination of	t is/are list sclosed in the sclosed in the states nation of the scaminer works are schools are schools.	ed below and, that/those prior Code, 112, I his application ould consider it between the
			oplications have been cations have been file				
		• •		Status			
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B. Todd Patterson

MOSER, PATTERSON & SHERIDAN, L.L.P.

(713) 623-4844

## **DECLARATION**

Full name of first inven	itor: <b>J</b>	OSEPH F. SALFELDER		
Inventor's signature:			Date:	
	60 Rock I	Ledge Drive Valley, New York 12569		
Post Office Address:	U.S.A.	•	NITED STATES	
	0.0.A.	Country of Chizenship. C	MILDOTATEO	
Full name of <b>second</b> in	ventor: <b>V</b>	VAYNE SWART		
Inventor's signature:			Date:	
Residence:	211 Pleas	sant Vale Road		
Post Office Address:	l Ivoli, Ne	w York 12583		
1 ost office Address.	U.S.A.	Country of Citizenship: U	NITED STATES	
Full name of third inve	ntor: G	GOPALAKRISHNA B. PRABHU		
Inventor's signature:			Date:	

	U.S.A.	Country of Citizenship: INDIA	
Full name of <b>fourth</b> inv	,,	SRINIVAS R. MIRMIRA  Date:	extember 102004
Residence:	<b>√</b> 5832 ★	Icazar Drive se, California 95123	70,2004
Post Office Address:	U.S.A.	Country of Citizenship: INDIA	
Full name of fifth inven	tor:	LAERTIS ECONOMIKOS	
Inventor's signature: Residence: Post Office Address:		Date:	
	U.S.A.	Country of Citizenship:	
Full name of sixth inve	ntor:	FEN-FEN JAMIN	
Inventor's signature: Residence:		Date:	
Post Office Address:	U.S.A.	Country of Citizenship:	
Full name of seventh is	nventor:	DONALD J. DELEHANTY	
Inventor's signature:Residence:		Date:	
Post Office Address:	U.S.A.	Country of Citizenship:	
Full name of eighth inv	entor:	DANIEL HEENAN	
Inventor's signature: Residence:		Date:	
Post Office Address:	U.S.A.	Country of Citizenship:	
Full name of ninth inve	ntor:	JOE DANZA	
Inventor's signature: Residence:		Date:	
Post Office Address:	U.S.A.	Country of Citizenship: (Declaration ends with this page)	

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Residence:

Post Office Address:



E.	COMBINED DECLARATION AND POWER OF ATTORNEY
As a below find	ned inventor, I hereby declare that:
This declaration	n is of the following type:
	original divisional continuation continuation-in-part
	INVENTORSHIP IDENTIFICATION
original, first ar	post office address and citizenship are as stated below next to my name. I believe I am the ad sole inventor (if only one name is listed below) or an original, first and joint inventor (if the listed below) of the subject matter which is claimed and for which a patent is sought on natitled:
CARBONAT	TION OF PH CONTROLLED KOH SOLUTION FOR IMPROVED POLISHING OF OXIDE FILMS ON SEMICONDUCTOR WAFERS
	SPECIFICATION IDENTIFICATION
The specification	on of which:
	is attached hereto was filed on April 16, 2004, under Serial No. 10/825,849, executed on even date herewith; or Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on
,	ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
	that I have reviewed and understand the contents of the above-identified specification, aims, as amended by any amendment referred to above.
Title 37, Code namely, information	the duty to disclose all information I know to be material to patentability in accordance with of Federal Regulations, 1.56, and which is material to the examination of this application; ation where there is a substantial likelihood that a reasonable Examiner would consider it ciding whether to allow the application to issue as a patent, and
	In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR 1.98.

foreign designa identific interna	applica ating at ed below tional apon the s	tion(s) for least one of any provi plication(s)	patent or inventor's patent or inventor's country other than the sional or foreign appled esignating at least of the matter having a filing	certificate or of an United States of Ar cation(s) for patent one country other than	ny PCT internat merica listed belor inventor's cer in the United State	ional application(s ow, and have also tificate or any PC tes of America file
		No such a	pplications have been	filed.		
	$\boxtimes$	Such appl	cations have been file	d as follows:		
A.			Γ application(s) filed any priority claims ur		6 m os. f or de s	ign) p rior t o t hi
	Coun	try/PCT	Application No	Date Filed	<u>Priori</u>	ty Claimed
					<u>□</u> <b>Y</b> (	es   No es   No es   No
В.		eign applic	ation(s), if any, filed ı	more than 12 mos. (6	6 mos for desig	n) prior to this
	Country Applica Filing d	tion No:				
C.	U.S. Pr	ovisional A	Application filed with	in 12 months prior to	o this applicatio	on
	<u>Serial I</u> 60/463,			Filing Date APRIL 16, 2003		
			PRIORITY C	LAIM (35 U.S.C. 120)	)	
PCT in insofar applica acknow (namely importa	ternation as the stion(s) in vledge the y, informant in de	nal applicates by the subject main the man he duty to pation where ciding whe	under Title 35, United ion(s) designating the ter of each of the claner provided by the disclose i nformation e there is substantial ther to allow the nationation(s) and the nationation(s)	United States of Arms of this application irst paragraph of Tit that is material to table likelihood that a reascation to issue as a paragraph.	merica that is/arm is not disclosed the 35, United Some he ex amination sonable Examination patent) which oc	e listed below and in that/those prior tates Code, 112, of this ap plication of the would consider curred between the
			pplications have been ications have been file			
				Status		
<u>Seri</u>	ial No.		Filing Date	<u>Patented</u>	Pending	<u>Abandoned</u>

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

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## **DECLARATION**

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JOSEPH DANZA Full name of ninth inventor:

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